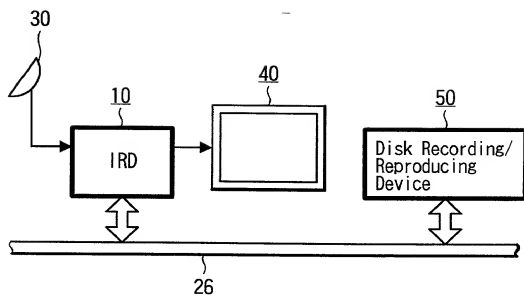


FIG. 1



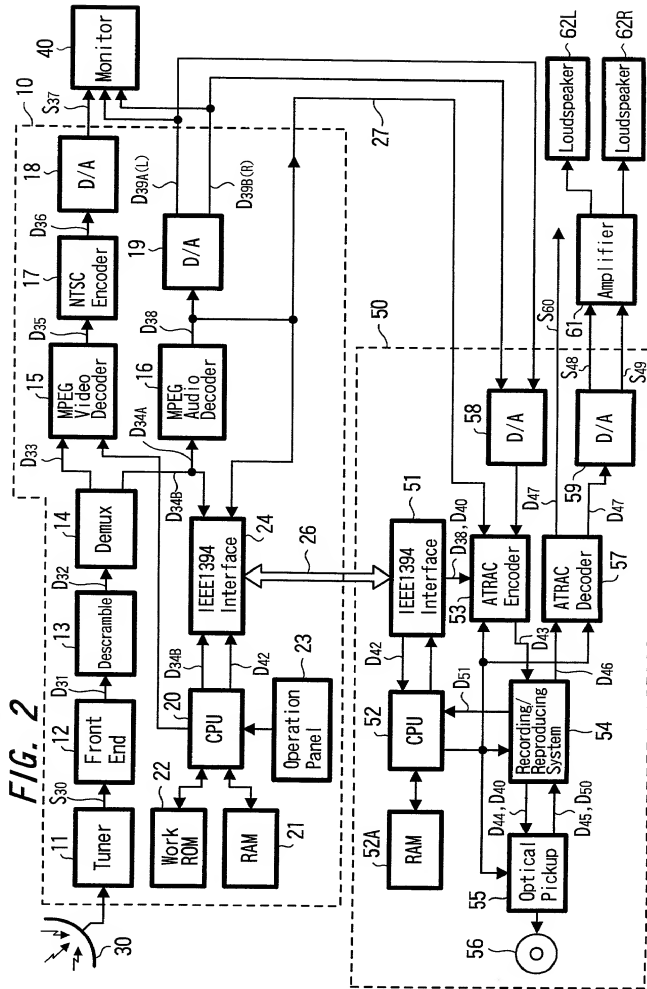


FIG. 3

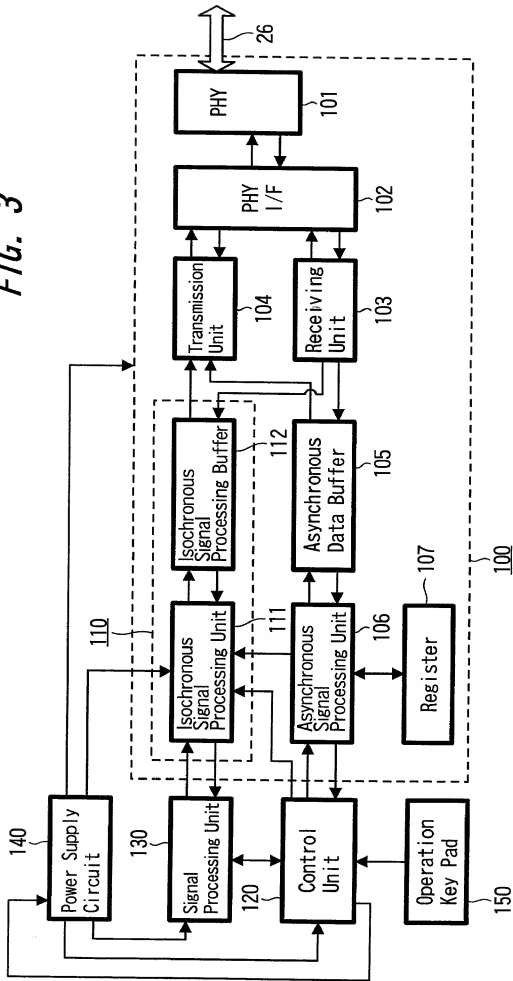


FIG. 4

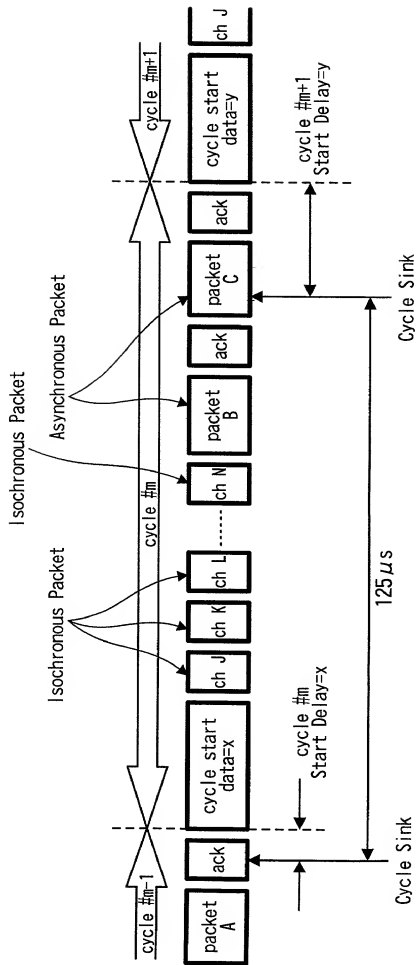
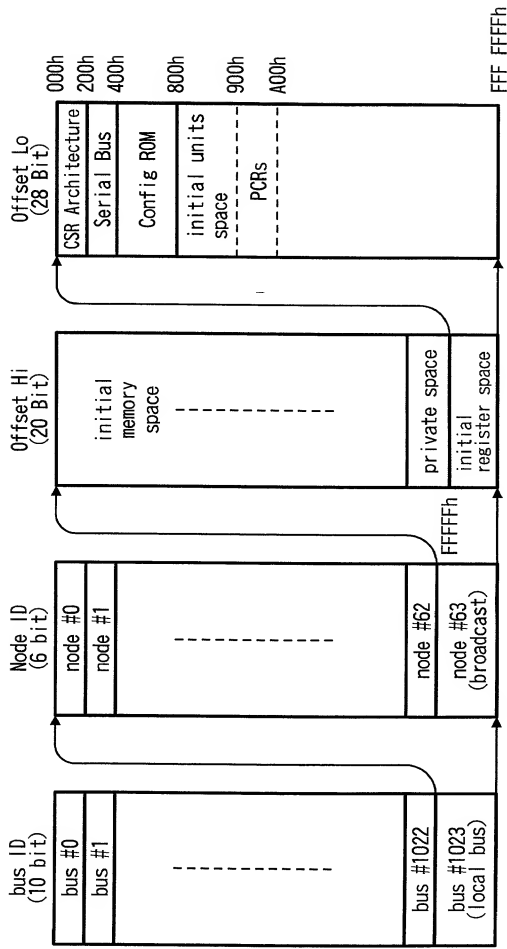


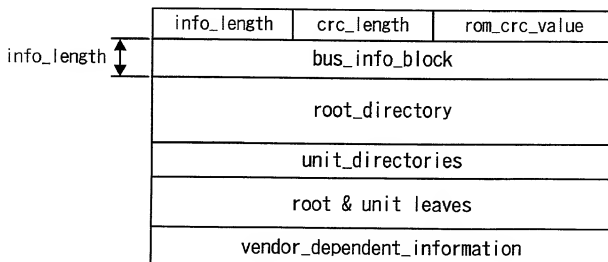
FIG. 5



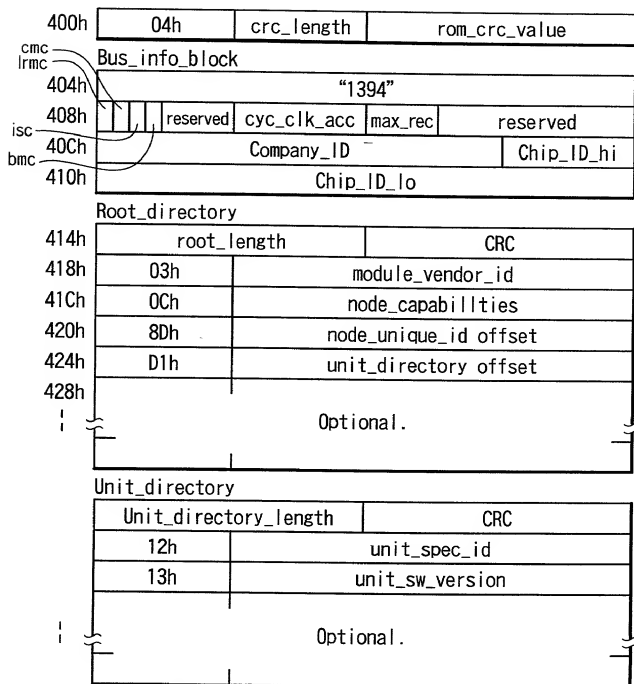
**FIG. 6**

Offset	Name	Operation
000h	State_Clear	State And Control Information
004h	State_Set	Set State_Clear Bit
008h	Node_IDs	Represent 16_Bit Node ID
00Ch	Reset_Start	Start Command Reset
018-01Ch	Split_Timeout	Regulate Maximum Time of Split
200h	Cycle_Time	Cycle Time
210h	Busy_Timeout	Regulate Limit of Retry
21Ch	Bus_Manager	Represent ID of Bus Manager
220h	Bandwidth_Available	Represent Band Which Can be Allocated to Isochronous Communication
224h-228h	Channels_Available	Represent Using States of Channels

**FIG. 7**



**FIG. 8**

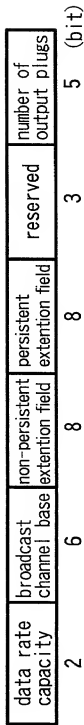


**FIG. 9**

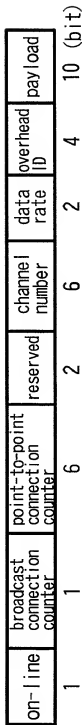
900h	Output Master Plug Register
904h	Output Plug Control Register #0
908h	Output Plug Control Register #1
⋮	⋮
97Ch	Output Plug Control Register #30
980h	Input Master Plug Register
984h	Input Plug Control Register #0
988h	Input Plug Control Register #1
⋮	⋮
9FCh	Input Plug Control Register #30



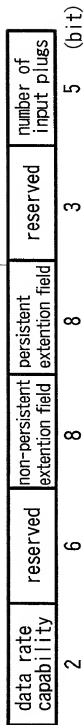
oMPR



oPCR [n]



iMPR



iPCR [n]

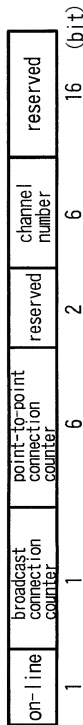


FIG. 10A

FIG. 10B

FIG. 10C

FIG. 10D

FIG. 11

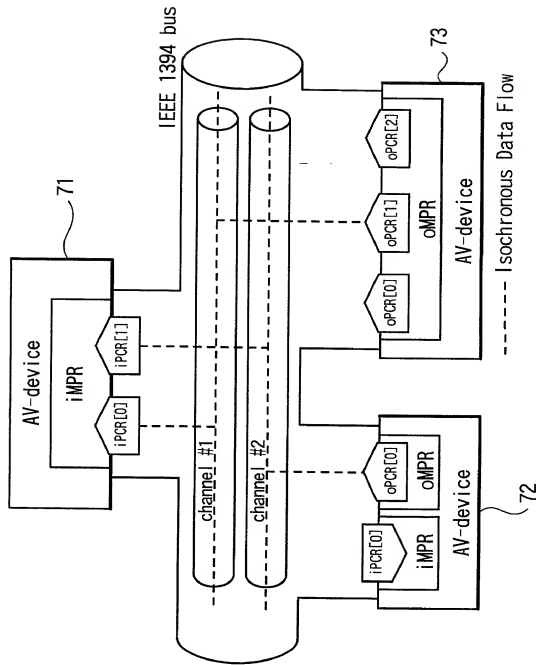
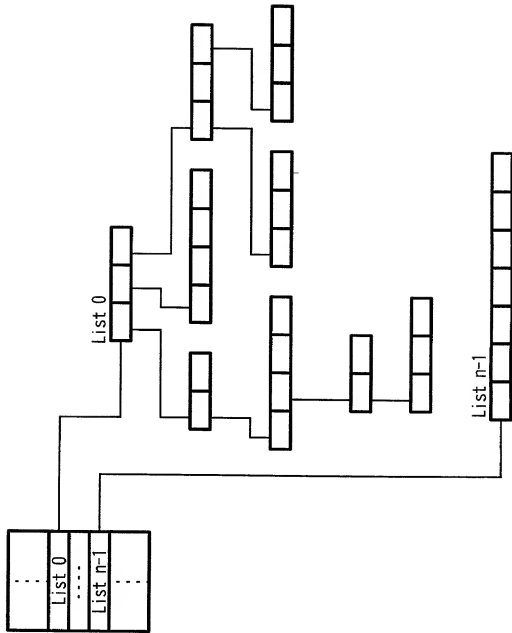


FIG. 12



**FIG. 13**

The General Subunit Identifier Descriptor	
address	contents
00 00 <sub>16</sub>	descriptor_length
00 01 <sub>16</sub>	
00 02 <sub>16</sub>	generation_ID
00 03 <sub>16</sub>	size_of_list_ID
00 04 <sub>16</sub>	size_of_object_ID
00 05 <sub>16</sub>	size_of_object_position
00 06 <sub>16</sub>	number_of_root_object_lists(n)
00 07 <sub>16</sub>	
00 08 <sub>16</sub>	root_object_list_id_0
⋮	
⋮	⋮
⋮	root_object_list_id_n-1
⋮	
⋮	subunit_dependent_length
⋮	
⋮	subunit_dependent_information
⋮	
⋮	
⋮	manufacturer_dependent_length
⋮	
⋮	manufacturer_dependent_information
⋮	
⋮	

00000000 00000000 00000000 00000000 00000000 00000000 00000000 00000000

**FIG. 14**

generation_ID values	
generation_ID	meaning
00 <sub>16</sub>	Data structures and command sets as specified in the AV/C General Specification, version 3.0
all others	reserved for future specification

**FIG. 15**

List ID Value Assignment Ranges	
range of values	list definition
0000 <sub>16</sub> -0FFF <sub>16</sub>	reserved
1000 <sub>16</sub> -3FFF <sub>16</sub>	subunit-type dependent
4000 <sub>16</sub> -FFFF <sub>16</sub>	reserved
1 000 <sub>16</sub> -max list ID value	subunit-type dependent

FIG. 16

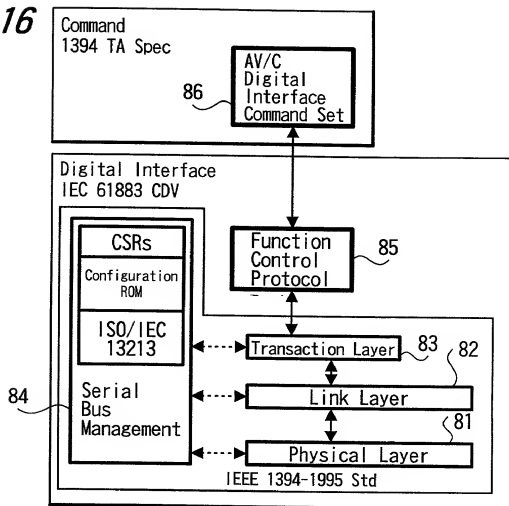


FIG. 17

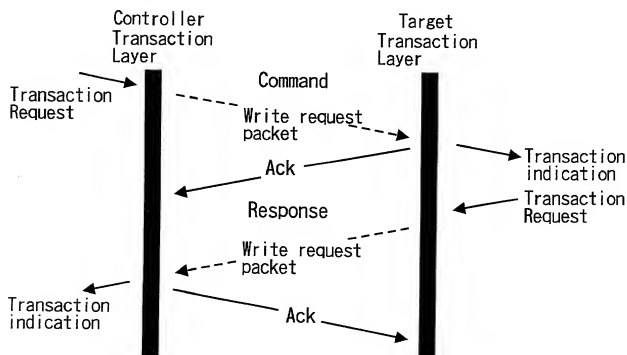
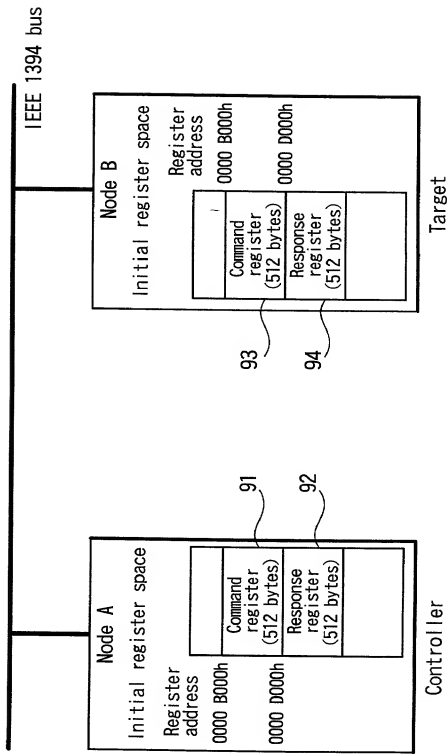
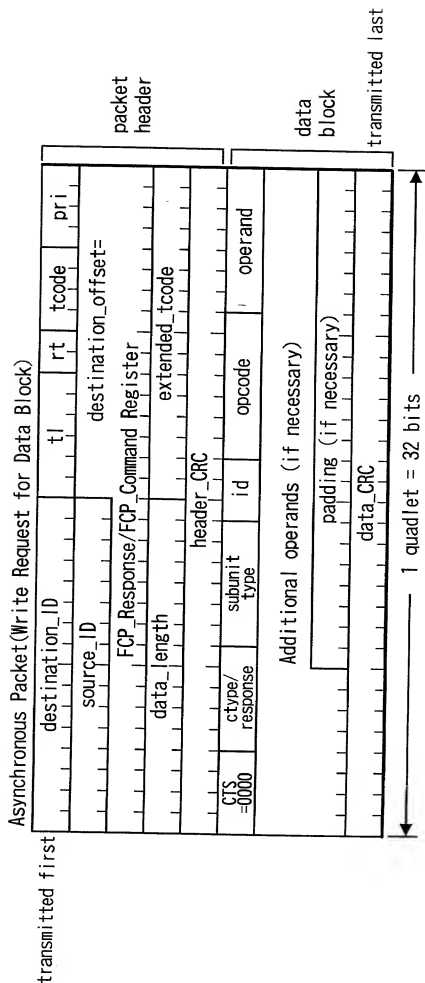


FIG. 18



**FIG. 19**





ctype/response

Command	0000	Control
	0001	Status
	0010	Specific Inquiry
	0011	Notify
	0100	General Inquiry
Response	0101	(reserved for future specification)
	?	
	0111	
	1000	Not Implemented
	1001	Accepted
	1010	Rejected
	1011	In Transition
	1100	Implemented/Stable
	1101	Changed
	1110	(reserved for future specification)
	1111	Interim

FIG. 20A

subunit type

00000	Video Monitor (reserved)
?	Disc recorder/Player
00011	
00100	Tape recorder/Player
00101	Tuner
00111	Video Camera (reserved)
?	Vendor unique
11100	reserved
11101	
11110	Subunit type extended to next byte
11111	Unit

FIG. 20B

opcode:Operation Code

00h	Vendor-Dependent
50h	Search Mode
51h	Time Code
52h	ATN
60h	Open MIC
61h	Read MIC
62h	Write MIC
C1h	Load Medium
C2h	Record
C3h	Play
C4h	Wind
?	?

FIG. 20C

tape recorder Case of Tape Recorder ID0

AV/C	control	Recorder ID0	Play	Forward
CTS=0000	ctype=0000	subunit type=00100	id=000	opcode=C3h
				operand=75h

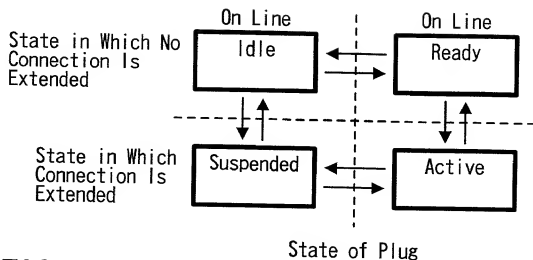
FIG. 21A

tape recorder Case of Tape Recorder ID0

AV/C	accepted	Recorder ID0	Play	Forward
CTS=0000	response=1001	subunit type=00100	id=000	opcode=C3h
				operand=75h

FIG. 21B

**FIG. 22**



**FIG. 23**

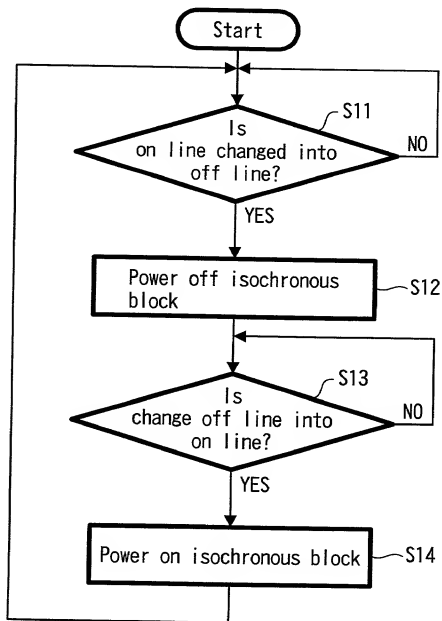


FIG. 24

